

SECTION 10 51 19

METAL LOCKERS

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Metal lockers.
- B. Locker benches.

1.02 MEASUREMENT AND PAYMENT

- A. General: Metal lockers and benches will not be measured separately for payment but will be paid for as part of the Contract lump-sum price for Architectural Work.

1.03 SUBMITTALS

- A. General: Refer to Section 01 33 00, Submittal Procedures, and Section 01 33 23, Shop Drawings, Product Data and Samples, for submittal requirements and procedures.
- B. Shop Drawings and Product Data: Submit fully detailed Shop Drawings and manufacturer's product data of metal lockers and benches, including layout of lockers, color chips, and installation details. Include pedestal anchorage details for benches.
- C. Samples: Submit locker manufacturer's standard color samples for selection. Submit six inches by nine and a half inches (full width) by one and a fourth inch samples of finished bench top.

PART 2 – PRODUCTS

2.01 LOCKERS

- A. Type and Manufacture: Lockers shall be Standard Single Tier or Double Tier and Accessible Single Tier or Double Lockers of width, depth, and height as indicated. Lockers shall be furnished with sloping tops, raised bases, fillers as needed, panel ends, anchors, fasteners, and accessories as required for a complete and finished installation. Lockers shall be manufactured to meet or exceed the following requirements:
 - 1. Locker Units: Size and configuration as indicated.
 - 2. Bodies: Minimum 24 gage sheet steel, formed and flanged with stiffener ribs; electrically spot welded. Bolt spacing shall not exceed nine inches on center.

- a. Do not install mounting fasteners through the bottom of the lower locker unless it is within one and a half inches of the hinge side or the back of the locker.
 3. Door Frame: Minimum 16 gage sheet steel, formed channel shape, welded and ground flush, welded to locker body.
 4. Doors: Minimum 18 gage sheet steel, formed channel shape at vertical edges, flanged at top and bottom, with louvers at top and bottom of door face.
 5. Locker Top, Closure Panels, and Trim: Provide end panels and filler panels to close off all openings. Provide continuous sloping top. Top, panels, and trim shall be minimum 20 gage sheet steel. Finish edges smooth without burrs.
- B. Hardware:
1. Door Handle: Door handle and latching mechanism shall be the manufacturer's accessible lever handle with integral feature for locking the door with a padlock, manufactured from a chrome-plated non-corrosive alloy.
 2. Hinges: Provide two hinges for doors under 42 inches in height and three hinges for doors over 42 inches in height. Weld hinges securely to locker frame and rivet securely to the door.
- C. Number Plates: Polished aluminum or stainless steel with a half inch high black figures. Numbering shall be provided, beginning with the number 100 and numbered consecutively thereafter.
- D. Finish: Lockers, all exposed parts exterior and interior, panels, and enclosures, shall be bonderized or phosphatized to assure maximum paint adherence, primed with a corrosion-inhibitive metal primer, and finished with manufacturer's baked enamel in color as selected by the Engineer from manufacturer's standards.

2.02 LOCKER BENCHES

- A. Benches shall be manufactured from laminated maple mounted on steel tube pedestals, as follows:
1. Pedestals and Anchors: Pedestals shall consist of one and a half inch nominal diameter steel tube with 10 gage steel flanges welded to each end. Welds shall be ground and dressed smooth. Provide anchorage with a half inch diameter galvanized steel expansion type anchor bolts as specified in Section 05 50 00, Metal Fabrications. Provide finish for pedestals as herein specified for lockers.
 2. Bench Tops: Laminated maple, one and fourth inches in full finished thickness by nine and a half inches wide. Provide bench tops with clear penetrating lacquer or polyurethane finish, satin in texture.
 3. Overall Bench Height: 18 inches nominal.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Lockers and benches shall be installed as indicated and in accordance with the approved Shop Drawings and the manufacturer's installation instructions and recommendations. Install lockers and benches in a rigid and substantial manner, straight and plumb, with all horizontal lines level.
- B. Anchor lockers with appropriate anchor devices to suit materials encountered. Bolt adjoining locker units together to provide rigid installation. Install sloping top, end panels, and filler panels to completely close off openings.
 - 1. Bolts in bottom of locker shall be within two inches of the back or hinged side walls.
- C. Adjust and lubricate hardware for proper operation after installation. Doors shall be free from hinge bind after installation.
- D. Clean lockers and benches on completion of work and leave free from imperfections. Protect from damage until Contract acceptance.
- E. Lockers shall be secured to the wall to resist lateral forces from a seismic event. Fastenings shall be designed by the Contractor to resist calculated loads of full lockers.

END OF SECTION 10 51 19